

PLUMBING ABBREVIATIONS

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





















GENERAL NOTES

1. THE PLUMBING SYSTEM SHALL CONFORM TO INTERNATIONAL PLUMBING CODE 6.
2. FOR HOT WATER HEATING AND SUPPLY, PROVIDE A MAXIMUM TEMP OF 122-126 DEG. F. (PER ADA SPECS). UNLESS SPECIFIC APPLIANCES OR EQUIPMENT SPECIFICALLY REQUIRE HIGHER TEMPERATURE WATER SUPPLY, THE TEMPERATURE DROP ACROSS THE SYSTEM SHALL BE NO MORE THAN 20 DEGS. F.
3. EXCEPT WHERE OTHERWISE SPECIFIED OR DIRECTED, PIPING IN ACCORDANCE WITH ASHRAE HANDBOOK SERIES 90.1 (APPROPRIATE CHAPTERS), ASHRAE STANDARD 90.1, AND THE ENERGY CONSERVATION REQUIREMENTS OF THE CONTRACT SIZE AND PLACE EQUIPMENT SO THAT IT IS EASILY ACCESSIBLE AND REMOVABLE FOR REPAIR OR REPLACEMENT.
4. SEE ARCHITECTURAL PLANS FOR EXACT LOCATION OF ALL PLUMBING FIXTURES.
5. COORDINATE PLUMBING PIPING WITH AIR CONDITIONING DUCTS, ELECTRICAL CONDUIT AND ALL TRADES.
6. CONTRACTOR SHALL VERIFY DISTANCE TO CONNECTION TO EXISTING UTILITIES PRIOR TO BID.
7. REFER TO UNITED FACILITIES CODE (UFC) 3-420-01 AND 4-510-01.


















PLUMBING PIPING SYMBOLS

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GENERAL PLUMBING SYMBOLS

	DIRECTION OF PIPE PITCH (DOWN)
	DIRECTION OF PIPE PITCH (UP)
	ANCHOR
	REDUCER OR INCREASER
	ECCENTRIC REDUCER
	TOP CONNECTION, 45° OR 90°
	BOTTOM CONNECTION, 45° OR 90°
	SIDE CONNECTION
	CAPPED OUTLET
	RISE OR DROP IN PIPE
	UNION
	PIPE UP
	PIPE DOWN
	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
	LIMIT OF DEMOLITION
	INVERTED BUCKET TRAP SET INCLUDING PIPING ACCESSORIES
	FLOAT & THERMOSTATIC TRAP SET INCLUDING PIPING ACCESSORIES
	STRAINER
	THERMOMETER
	PRESSURE GAGE
	FLOW ELEMENT
	CLEAN OUT
	HOSE BIB (FROSTPROOF)
	TRAP DRAIN W/ TRAP PRIMER
	WATER HAMMER ARRESTOR

PLUMBING VALVE SYMBOLS

	GATE VALVE
	GLOBE VALVE
	GATE VALVE WITH 3/4" HOSE ADAPTER
	CHECK VALVE
	ANGLE GLOBE VALVE
	BUTTERFLY VALVE
	BALL VALVE
	MODULATING CONTROL VALVE
	TWO POSITION CONTROL VALVE
	THREE-WAY MODULATING CONTROL VALVE
	THREE-WAY TWO POSITION CONTROL VALVE
	PRESSURE REGULATING VALVE
	AUTOMATIC FLOW CONTROL VALVE
	PRESSURE RELIEF VALVE
	MANUAL AIR VENT
	TEST PLUG (PRESSURE/TEMPERATURE)
	AUTOMATIC AIR VENT

FINAL SUBMISSION
APRIL 6, 2012

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